



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : <b>F16J 15/08</b>		A1	(11) International Publication Number: <b>WO 00/57089</b> (43) International Publication Date: 28 September 2000 (28.09.00)
(21) International Application Number: PCT/US00/07692			(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 21 March 2000 (21.03.00)			
(30) Priority Data: 60/125,493 22 March 1999 (22.03.99) US			
(71) Applicant (for all designated States except US): THE ADVANCED PRODUCTS COMPANY [US/US]; 33 Defco Park Road, P.O. Box 296, North Haven, CT 06473 (US).			
(72) Inventors; and			
(75) Inventors/Applicants (for US only): MORE, Dominick, G. [US/US]; 43 Horseshoe Lane, Middletown, CT 06457 (US). STONE, Stephen, S. [US/US]; 100 State Street, Apt. #20, North Haven, CT 06473 (US).			
(74) Agents: SLATE, William, B. et al.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).			

## (54) Title: VACUUM SEAL

## (57) Abstract

An annular metallic vacuum seal (20; 120) having a nested inner (22; 122) and outer (24; 124) c-sectioned members. The inner member (22; 122) provides longitudinal compressive strength and elasticity and the outer member (24; 124) has a pair of oppositely-directed ridges (40A, 40B) for sealing with a pair of flanges.

